

SECTION 02938 SODDING

PART 1 - GENERAL

1.1 SUMMARY

- A. This work shall include all soil preparation and the storage, transportation, placing, and maintenance of sod at all locations shown on the drawings or as directed by the CM.
- B. Temporary storage of sod is permitted; however, take care to maintain the sod in a live, growing condition. Sod shall be rejected if it is permitted to decay or dry out to the extent that, in the judgment of the CM, its survival is doubtful. Dispose of rejected sod as directed by the CM at no expense to the Owner.
- C. Set sod between April 1 and September 1 and when the soil is in a workable condition.
- D. Do not set sod out of season unless soil conditions are favorable and written permission is obtained from the CM.
- E. Refer to other sections for items affecting sodding. Coordinate this work with that specified by other sections for timely execution. The Subcontractor shall be wholly responsible for the scheduling, ordering, receiving, storing, and installing of all sodding materials.

1.2 RELATED DOCUMENTS

- A. Drawings and general provisions of the contract, including General and Supplementary Conditions apply to this Section.

1.3 SUBMITTALS

- A. Submit shop drawings for all products specified in this section in accordance with the requirements of General and Supplementary Conditions.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. SOD: Rebel III Turf - type Fescue or equal; new sod consisting of live, dense, well rooted growth; well suited for the intended purpose and soil conditions; completely free of noxious weeds and grasses (Bermuda grass, quack grass, Johnson grass, Canada thistle, and nut sedge); and containing less than 5 plants of objectionable weeds per 100 square feet if nursery grown or 10 such plants if field grown.
- B. FERTILIZER: commercially manufactured, Grade 10-10-10; furnished in standard containers that are clearly marked with the name, weight, and guaranteed analysis of the contents and that ensure proper protection in transportation and handling; and in compliance with all local, state, and federal fertilizer laws.
- C. AGRICULTURAL LIMESTONE: containing a minimum of 85% calcium carbonate and magnesium carbonate combined, 85% of which passes a No. 10 mesh sieve.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Before beginning sodding operations in any area, complete the placing of topsoil and final grading, and have the work approved by the CM.
- B. Scarify each area to be sodded a minimum of 2 inches.
- C. Apply fertilizer and agricultural limestone uniformly over the sod bed at the rates shown below. Immediately prior to placing sod, water the sod bed until it is saturated to a depth of 1 inch, and keep it moist until the sod is placed.
 - 1. Fertilizer: 15 pounds per 1,000 square feet of 10-10-10
 - 2. Agricultural Limestone: 40 pounds per 1,000 square feet
- D. Place sod as soon as practical after its removal from point of origin. Keep it moist while displaced.
- F. Place sod by hand so that the edges are in close contact and in a position to break joints with the long dimension perpendicular to the slope. Fit and pound the sod into place with a 10 inches x 10 inches wood tamp or other similar implements.
- F. Immediately after placing the sod, thoroughly wet and roll it.
- G. Two weeks after the sod is installed, top dress and thoroughly water it. Top dressing shall consist of 20 pounds: 6-12-12 per 1,000 square feet.
- H. No equipment, material storage, construction traffic, etc., will be permitted on newly sodded areas.
- I. Dispose of all surplus material as directed by the Owner.
- J. The Owner will review the sod for acceptance 30 days after installation, at which time the maintenance period will begin as stated in these specifications. This acceptance by the Owner is for the purposes of payment only.

3.2 MAINTENANCE

- A. Mow grass at regular intervals to maintain at a maximum height of 4 inches. Do not cut more than 1/3 of grass blade at any one mowing.
- B. Neatly trim edges and hand clip where necessary.
- C. Immediately remove clippings after mowing and trimming.
- D. Water to prevent grass and soil from drying out.
- E. Roll surface to remove minor depressions or irregularities.
- F. Control growth of weeds. Apply herbicides in accordance with manufacturer's instructions. Remedy damage resulting from improper use of herbicides.

- G. Immediately replace sod to areas which show deterioration or bare spots.
- H. Protect sodded area with warning signs during maintenance period.

3.3 INSPECTIONS

- A. The CM shall inspect the sod within 30 days after installation and determine if it is acceptable.

3.4 GUARANTEES

- A. Establish an acceptable growth of the specified sod on all areas indicated on the drawings or as directed by the CM. An area is considered acceptable if the majority of each piece of sod is alive and healthy and generally free from weeds, insects, and disease.

END OF SECTION 02938